

**COMBINED DECLARATION AND POWER OF ATTORNEY**  
**(Original Application - Sole Inventor No Priority Claimed)**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Figure 1 consists of 12 diagrams arranged in two rows of six. Each diagram shows a 2D lattice structure. The top row shows a square lattice with a central square removed, and the bottom row shows a square lattice with a central square and its four neighbors removed. The diagrams are labeled with 'a' and 'b' and show the lattice structure at different stages of evolution.